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About Invitrogen

Dulbecco's Modified Eagle Medium (DMEM) (1X), liquid (low glucose) (11885)

Contains 1000 mg/L D-glucose, L-glutamine, 110mg/L sodium pyruvate

Dulbecco's Modified Eagle Media are well suited for supporting the growth of a broad spectrum of mammalian cell lines.

Catalogue Number: 11885

COMPONENTS

	Mole. Weight	Conc. (mg/L)	Molarity (mM)
--	--------------	--------------	---------------

INORGANIC SALTS

Calcium Chloride (CaCl ₂) (anhyd.)	111	200.00	1.80
Ferric Nitrate (Fe(NO ₃) ₃ ·9H ₂ O)	404	0.10	0.000248
Potassium Chloride (KCl)	75	400.00	5.30
Magnesium Sulfate (MgSO ₄)	120	97.67	0.813
Sodium Chloride (NaCl)	58	6400.00	110.34
Sodium Bicarbonate (NaHCO ₃)	84	3700.00	44.10
Sodium Phosphate (NaH ₂ PO ₄ ·H ₂ O)	138	125.00	0.906

OTHER COMPONENTS

D-Glucose	180	1000.00	5.55
Phenol red	398	15.00	0.0346
Sodium Pyruvate	110	110.00	1.00

AMINO ACIDS

L-Arginine-HCl	211	84.00	0.398
L-Cystine 2HCl	313	63.00	0.200
L-Glutamine	146	584.00	4.00
Glycine	75	30.00	0.399
L-Histidine HCl·H ₂ O	210	42.00	0.20
L-Isoleucine	131	105.00	0.802
L-Leucine	131	105.00	0.802
L-Lysine-HCl	183	146.00	0.798

L-Methionine	149	30.00	0.201
L-Phenylalanine	165	66.00	0.400
L-Serine	105	42.00	0.400
L-Threonine	119	95.00	0.078
L-Tryptophan	204	16.00	0.078
L-Tyrosine 2Na 2H2O	261	104.00	0.398
L-Valine	117	94.00	0.803
VITAMINS			
D-Ca pantothenate	477	4.00	0.0083
Choline Chloride	140	4.00	0.0285
Folic Acid	441	4.00	0.00906
i-Inositol	180	7.20	0.04
Niacinamide	122	4.00	0.0328
Pyridoxine HCl*	204	4.00	0.0196
Riboflavin	376	0.40	0.00106
Thiamine HCl	337	4.00	0.0118

*Note: Pyridoxine HCl replaces pyridoxal HCl. For more information, see the [FAQ](#) portion of Tech-OnLine.

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09/530560

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DB=USPT,PGPB,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=OR

<u>L14</u>	l2 and bile near salt\$	5	<u>L14</u>
<u>L13</u>	L11 near3 medium near5 component\$	18	<u>L13</u>
<u>L12</u>	L11 near3 medium	8725	<u>L12</u>
<u>L11</u>	DMEM	12364	<u>L11</u>
<u>L10</u>	DMEM near10 NaCl	36	<u>L10</u>
<u>L9</u>	L1 and NaCl	1	<u>L9</u>
<u>L8</u>	L1 and Target\$ near ligand\$	0	<u>L8</u>
<u>L7</u>	l1 and (bile near salt\$ or polyol\$ or antiprotease\$ or cyclodextrin\$)	0	<u>L7</u>
<u>L6</u>	L5 and (bile near salt\$ or antiprotease\$ or cyclodextrin\$ or antiseptic\$ or polyol\$)	2	<u>L6</u>
<u>L5</u>	l4 and pharmaceutical\$	12	<u>L5</u>
<u>L4</u>	L3 and polylysine\$	12	<u>L4</u>
<u>L3</u>	L2 and (NLS or nuclear near localization) near5 (sequence or signal)	24	<u>L3</u>
<u>L2</u>	(protein or polypeptide or peptide) near5 vector\$ and adenovir\$ near5 (fiber or fibre)	169	<u>L2</u>
<u>L1</u>	6083720 [pn]	2	<u>L1</u>

END OF SEARCH HISTORY

WEST**Freeform Search****Database:**

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US Pre-Grant Publication Full-Text Database
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Derwent World Patents Index
IBM Technical Disclosure Bulletins

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12 and bile near salt\$

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WEST[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 12 of 12 returned.**☐ 1. Document ID: US 20020155095 A1

L4: Entry 1 of 12

File: PGPB

Oct 24, 2002

PGPUB-DOCUMENT-NUMBER: 20020155095

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020155095 A1

TITLE: METHODS AND COMPOSITIONS FOR DELIVERY AND EXPRESSION OF INTERFERON-A NUCLEIC ACIDS

PUBLICATION-DATE: October 24, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
NAGABHUSHAN, TATTANAHALLI L.	PARSIPPANY	NJ	US	
SAHA, DEBA P.	NUTLEY	NJ	US	

US-CL-CURRENT: 424/93.1; 424/93.2, 435/320.1, 435/455, 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 2. Document ID: US 20020106746 A1

L4: Entry 2 of 12

File: PGPB

Aug 8, 2002

PGPUB-DOCUMENT-NUMBER: 20020106746

PGPUB-FILING-TYPE: new

DOCUMENT-IDENTIFIER: US 20020106746 A1

TITLE: Anti-inflammatory vectors

PUBLICATION-DATE: August 8, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Rooke, Ronald	Illkirch		FR	

US-CL-CURRENT: 435/91.33; 424/199.1, 424/204.1, 424/233.1, 424/93.21, 435/235.1, 435/320.1, 435/456, 435/91.41, 530/388.7, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWIC
Draw Desc	Image										

☐ 3. Document ID: US 20020099024 A1

L4: Entry 3 of 12

File: PGPB

Jul 25, 2002

PGPUB-DOCUMENT-NUMBER: 20020099024
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020099024 A1

TITLE: CHIMERIC ADENOVIRUS FIBER PROTEIN

PUBLICATION-DATE: July 25, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
WICKHAM, THOMAS J.	BETHESDA	MD	US	
FALCK-PEDERSEN, ERIK	DOBBS FERRY	NY	US	
ROELVINK, PETRUS W.	GAITHERSBURG	MD	US	
BRUDER, JOSEPH T.	NEW MARKET	MD	US	
GALL, JASON	NEW YORK	NY	US	
KOVESDI, IMRE	ROCKVILLE	MD	US	

US-CL-CURRENT: 514/44; 435/235.1, 435/320.1, 435/6, 530/350, 536/23.4

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KWIC

☐ 4. Document ID: US 20020086842 A1

L4: Entry 4 of 12

File: PGPB

Jul 4, 2002

PGPUB-DOCUMENT-NUMBER: 20020086842
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020086842 A1

TITLE: Method for transfecting cells using a magnetic field

PUBLICATION-DATE: July 4, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Plank, Christian	Seefeld		DE	
Bergemann, Christian	Berlin		DE	

US-CL-CURRENT: 514/44; 435/320.1, 435/446, 435/455, 536/23.1, 604/20

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw	Desc	Image							

KWIC

☐ 5. Document ID: US 20020019051 A1

L4: Entry 5 of 12

File: PGPB

Feb 14, 2002

PGPUB-DOCUMENT-NUMBER: 20020019051
PGPUB-FILING-TYPE: new
DOCUMENT-IDENTIFIER: US 20020019051 A1

TITLE: Chimeric adenoviral vectors

PUBLICATION-DATE: February 14, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	COUNTRY	RULE-47
Lusky, Monika	Freiburg		DE	
Winter, Arend Jan	Strasbourg		FR	

US-CL-CURRENT: 435/457; 435/235.1

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw	Desc	Image								

☐ 6. Document ID: US 6465253 B1

L4: Entry 6 of 12

File: USPT

Oct 15, 2002

US-PAT-NO: 6465253

DOCUMENT-IDENTIFIER: US 6465253 B1

TITLE: Vectors and methods for gene transfer to cells

DATE-ISSUED: October 15, 2002

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wickham; Thomas J.	Falls Church	VA		
Kovesdi; Imre	Rockville	MD		
Brough; Douglas E.	Olney	MD		

US-CL-CURRENT: 435/456; 435/320.1, 435/325, 435/455, 530/324, 530/326, 530/327, 530/328, 530/329, 530/330, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw	Desc	Image								

☐ 7. Document ID: US 6132989 A

L4: Entry 7 of 12

File: USPT

Oct 17, 2000

US-PAT-NO: 6132989

DOCUMENT-IDENTIFIER: US 6132989 A

TITLE: Methods and compositions for enhanced stability of non-adenoviral DNA

DATE-ISSUED: October 17, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Kay; Mark A.	Seattle	WA		
Lieber; Andre	Seattle	WA		

US-CL-CURRENT: 435/69.1; 435/320.1, 435/448, 435/455, 435/456

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
Draw	Desc	Image								

☐ 8. Document ID: US 5965541 A

L4: Entry 8 of 12

File: USPT

Oct 12, 1999

US-PAT-NO: 5965541

DOCUMENT-IDENTIFIER: US 5965541 A

TITLE: Vectors and methods for gene transfer to cells

DATE-ISSUED: October 12, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wickham; Thomas J.	Potomac	MD		
Kovesdi; Imre	Rockville	MD		
Brough; Douglas E.	Olney	MD		

US-CL-CURRENT: 514/44; 435/320.1, 435/367, 435/370, 435/379, 435/456, 435/69.1,
530/350, 536/23.4, 536/23.72

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 9. Document ID: US 5928944 A

L4: Entry 9 of 12

File: USPT

Jul 27, 1999

US-PAT-NO: 5928944

DOCUMENT-IDENTIFIER: US 5928944 A

TITLE: Method of adenoviral-mediated cell transfection

DATE-ISSUED: July 27, 1999

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Seth; Prem	North Potomac	MD		
Crystal; Ronald G.	Potomac	MD		
Rosenfeld; Melissa	Bethesda	MD		
Yoshimura; Kunihiro	Tokyo			JP

US-CL-CURRENT: 435/375; 424/450, 424/93.1, 424/93.2, 435/455, 514/44

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KMC
Draw Desc	Image									

☐ 10. Document ID: US 5770442 A

L4: Entry 10 of 12

File: USPT

Jun 23, 1998

US-PAT-NO: 5770442

DOCUMENT-IDENTIFIER: US 5770442 A

TITLE: Chimeric adenoviral fiber protein and methods of using same

DATE-ISSUED: June 23, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wickham; Thomas J.	Bethesda	MD		
Falck-Pedersen; Erik	Dobbs Ferry	NY		
Roelvink; Petrus W.	Gaithersburg	MD		
Bruder; Joseph T.	New Market	MD		
Gall; Jason	New York	NY		
Kovesdi; Imre	Rockville	MD		

US-CL-CURRENT: 435/320.1; 435/69.1, 435/69.7, 530/388.22, 536/24.2

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 11. Document ID: US 5731190 A

L4: Entry 11 of 12

File: USPT

Mar 24, 1998

US-PAT-NO: 5731190

DOCUMENT-IDENTIFIER: US 5731190 A

TITLE: Penton base protein and methods of using same

DATE-ISSUED: March 24, 1998

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wickham; Thomas J.	Gaithersburg	MD		
Kovesdi; Imre	Rockville	MD		
Brough; Douglas E.	Olney	MD		
McVey; Duncan L.	Derwood	MD		
Bruder; Joseph T.	New Market	MD		

US-CL-CURRENT: 435/320.1; 435/69.7, 530/350

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
Draw Desc	Image								

KMC

☐ 12. Document ID: US 5559099 A

L4: Entry 12 of 12

File: USPT

Sep 24, 1996

US-PAT-NO: 5559099

DOCUMENT-IDENTIFIER: US 5559099 A

TITLE: Penton base protein and methods of using same

DATE-ISSUED: September 24, 1996

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Wickham; Thomas J.	Gaithersburg	MD		
Kovesdi; Imre	Rockville	MD		
Brough; Douglas E.	Olney	MD		
McVey; Duncan L.	Derwood	MD		
Brader; Joseph T.	New Market	MD		

US-CL-CURRENT: 514/44; 435/235.1, 435/320.1, 435/69.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWIC
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L3 and polylysine\$	12

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 **PALM INTRANET**Day : Saturday
Date: 11/16/2002
Time: 12:22:08

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Enter the **first few letters** of the Inventor's Last Name.
Additionally, enter the **first few letters** of the Inventor's First name.

Last Name**First Name**

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Date: 11/16/2002
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Set	Items	Description
? s (protein or polypeptide or peptide) (5n) vector? and adenovir?		
Processing		
Processed 10 of 35 files ...		
Processing		
Processed 20 of 35 files ...		
Completed processing all files		
	9191400	PROTEIN
	452731	POLYPEPTIDE
	1856190	PEPTIDE
	1117724	VECTOR?
	59903	((PROTEIN OR POLYPEPTIDE) OR PEPTIDE) (5N) VECTOR?
	183356	ADENOVIR?
S1	5084	(PROTEIN OR POLYPEPTIDE OR PEPTIDE) (5N) VECTOR? AND ADENOVIR?
? s1 and (NLS or nuclear (n) localization) (5n) (sequence or signal)		
Processing		
Processing		
Processed 10 of 35 files ...		
Processing		
Processed 20 of 35 files ...		
Completed processing all files		
	23309924	1
	9998	NLS
	3895016	NUCLEAR
	1131561	LOCALIZATION
	37600	NUCLEAR(N) LOCALIZATION
	3674315	SEQUENCE
	2311533	SIGNAL
	16993	(NLS OR NUCLEAR(N) LOCALIZATION) (5N) (SEQUENCE OR SIGNAL)
S2	7387	1 AND (NLS OR NUCLEAR (N) LOCALIZATION) (5N) (SEQUENCE OR SIGNAL)
?		
PLEASE ENTER A COMMAND OR BE LOGGED OFF IN 5 MINUTES		
? s s2 and (polylysine or polyarginine)		
	7387	S2
	19574	POLYLYSINE
	1463	POLYARGININE
S3	21	S2 AND (POLYLYSINE OR POLYARGININE)
? rd s3		
...completed examining records		
S4	11	RD S3 (unique items)
? d s4/3/1-11		
Display 4/3/1 (Item 1 from file: 5)		
DIALOG(R)File 5:Biosis Previews(R)		
(c) 2002 BIOSIS. All rts. reserv.		
13002344 BIOSIS NO.: 200100209493		
Exchange of the basic domain of human immunodeficiency virus type 1		
Rev for a polyarginine stretch expands the RNA binding specificity,		
and a minimal arginine cluster is required for optimal RRE RNA binding		
affinity, nuclear accumulation, and trans-activation.		
AUTHOR: Nam Yong-Suk; Petrovic Ana; Jeong Kyu-Shik; Venkatesan Sundararajan		
(a)		
AUTHOR ADDRESS: (a)LMM, NIAID, National Institutes of Health, Bldg. 10, Rm.		
6A05, Bethesda, MD, 20892-1576: aradhana@helix.nih.gov**USA		
JOURNAL: Journal of Virology 75 (6):p2957-2971 March, 2001		
MEDIUM: print		
ISSN: 0022-538X		
DOCUMENT TYPE: Article		
RECORD TYPE: Abstract		

LANGUAGE: English
SUMMARY LANGUAGE: English

- end of record -

?

Display 4/3/2 (Item 1 from file: 154)
DIALOG(R)File 154:MEDLINE(R)

11164813 21214794 PMID: 11313824

Enhanced cationic liposome-mediated transfection using the DNA-binding peptide mu (mu) from the adenovirus core.

Murray K D; Etheridge C J; Shah S I; Matthews D A; Russell W; Gurling H M
; Miller A D

Department of Psychiatry and Behavioural Sciences, University College
London Medical School, Windeyer Institute of Medical Sciences, London, UK.

Gene therapy (England) Mar 2001, 8 (6) p453-60, ISSN 0969-7128

Journal Code: 9421525

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

- end of record -

?

Display 4/3/3 (Item 2 from file: 154)
DIALOG(R)File 154:MEDLINE(R)

10966043 20534449 PMID: 11083478

Supramolecular structure and nuclear targeting efficiency determine the enhancement of transfection by modified polylysines.

Chan C K; Senden T; Jans D A

Division of Biochemistry and Molecular Biology, John Curtin School of
Medical Research, Australian National University, Canberra.

Gene therapy (ENGLAND) Oct 2000, 7 (19) p1690-7, ISSN 0969-7128

Journal Code: 9421525

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

- end of record -

?

Display 4/3/4 (Item 3 from file: 154)
DIALOG(R)File 154:MEDLINE(R)

10378082 99355168 PMID: 10428214

Enhancement of **polylysine**-mediated transferrin infection by nuclear localization sequences: **polylysine** does not function as a **nuclear localization sequence**.

Chan C K; Jans D A

Division for Biochemistry and Molecular Biology, John Curtin School of
Medical Research, Canberra, ACT, Australia.

Human gene therapy (UNITED STATES) Jul 1 1999, 10 (10) p1695-702,
ISSN 1043-0342 Journal Code: 9008950

Document type: Journal Article

Languages: ENGLISH

Main Citation Owner: NLM

Record type: Completed

- end of record -

?

Display 4/3/5 (Item 1 from file: 34)
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci

(c) 2002 Inst for Sci Info. All rts. reserv.

09724322 Genuine Article#: 439DU No. References: 25
Title: Asialofetuin liposome-mediated human alpha(1)-antitrypsin gene
transfer in vivo results in stationary long-term gene expression
Author(s): Dasi F; Benet M; Crespo J; Crespo A; Alino SF (REPRINT)
Corporate Source: Univ Valencia, Sch Med, Dept Pharmacol, Avda Blasco Ibanez
15/Valencia 46010//Spain/ (REPRINT); Univ Valencia, Sch Med, Dept
Pharmacol, Valencia 46010//Spain/
Journal: JOURNAL OF MOLECULAR MEDICINE-JMM, 2001, V79, N4 (MAY), P205-212
ISSN: 0946-2716 Publication date: 20010500
Publisher: SPRINGER-VERLAG, 175 FIFTH AVE, NEW YORK, NY 10010 USA
Language: English Document Type: ARTICLE (ABSTRACT AVAILABLE)

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?

Display 4/3/6 (Item 1 from file: 71)
DIALOG(R)File 71:ELSEVIER BIOBASE
(c) 2002 Elsevier Science B.V. All rts. reserv.

01192019 1999161641
Enhancement of **polylysine**-mediated transferrin infection by nuclear
localization sequences: **Polylysine** does not function as a
nuclear localization sequence
Chee Kai Chan; Jans D.A.
ADDRESS: Dr. D.A. Jans, Div. for Biochem. and Molec. Biol., John Curtin
Sch. of Medical Research, Australian National University, GPO Box
334, Canberra, ACT 2601, Australia
EMAIL: David.Jans@anu.edu.au
Journal: Human Gene Therapy, 10/10 (1695-1702), 1999, United States
PUBLICATION DATE: July 1, 1999
CODEN: HGTHE
ISSN: 1043-0342
DOCUMENT TYPE: Article
LANGUAGES: English SUMMARY LANGUAGES: English
NO. OF REFERENCES: 37

- end of record -

?

Display 4/3/7 (Item 1 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2002 The HW Wilson Co. All rts. reserv.

04045918 H.W. WILSON RECORD NUMBER: BGSA99045918 (USE FORMAT 7 FOR
FULLTEXT)
AKT/PKB and other D3 phosphoinositide-regulated kinases: kinase activation
by phosphoinositide-dependent phosphorylation.
Chan, Tung O
Rittenhouse, Susan E; Tsichlis, Philip N
Annual Review of Biochemistry v. 68 (1999) p. 965-1014
SPECIAL FEATURES: bibl il ISSN: 0066-4154
LANGUAGE: English
COUNTRY OF PUBLICATION: United States
WORD COUNT: 23583

- end of record -

?

Display 4/3/8 (Item 2 from file: 98)
DIALOG(R)File 98:General Sci Abs/Full-Text
(c) 2002 The HW Wilson Co. All rts. reserv.

03051107 H.W. WILSON RECORD NUMBER: BGSI95051107 (USE FORMAT 7 FOR
FULLTEXT)

Viral vectors in gene therapy.

Smith, Alan E

Annual Review of Microbiology (Annu Rev Microbiol) v. 49 ('95) p. 807-38

DOCUMENT TYPE: Feature Article

SPECIAL FEATURES: bibl il ISSN: 0066-4227

LANGUAGE: English

COUNTRY OF PUBLICATION: United States

WORD COUNT: 14692

- end of record -

?

Display 4/3/9 (Item 1 from file: 357)

DIALOG(R)File 357:Derwent Biotech Res.

(c) 2002 Thomson Derwent & ISI. All rts. reserv.

0290324 DBR Accession No.: 2002-12171 PATENT

Gene-delivery compound for targeted gene delivery, comprises single-chain binding polypeptide having effector segment with cysteinyl residue and nucleic acid-binding/lipid-associating moiety coupled to polypeptide by residue - single chain antibody-mediated gene transfer and expression in host cell for gene therapy

AUTHOR: HUSTON J S; WILS P; QUAN Z; LAURENT O; MARASCO W A; SCHERMAN D

PATENT ASSIGNEE: HUSTON J S; WILS P; QUAN Z; LAURENT O; MARASCO W A;

SCHERMAN D 2002

PATENT NUMBER: WO 200200914 PATENT DATE: 20020103 WPI ACCESSION NO.:

2002-268789 (200231)

PRIORITY APPLIC. NO.: US 213653 APPLIC. DATE: 20000623

NATIONAL APPLIC. NO.: WO 2001US20182 APPLIC. DATE: 20010625

LANGUAGE: English

- end of record -

?

Display 4/3/10 (Item 2 from file: 357)

DIALOG(R)File 357:Derwent Biotech Res.

(c) 2002 Thomson Derwent & ISI. All rts. reserv.

0289379 DBR Accession No.: 2002-11226

Solid phase synthesis of oligonucleotides tethered to oligo-glucose phosphate tails - antisense oligonucleotide synthesis, standard oligonucleotide assembly procedure and UV thermal analysis useful in gene therapy

AUTHOR: ADINOLFI M; DE NAPOLI L; DI FABIO G; IADONISI A; MONTESARCHIO D ; PICCIALLI G

CORPORATE AFFILIATE: Univ Naples Federico II Univ Naples Federico II

CORPORATE SOURCE: De Napoli L, Univ Naples Federico II, Dipartimento Chim Organ and Biochim, Via Cynthia 4,I-80126 Naples, Italy

JOURNAL: TETRAHEDRON (58, 33, 6697-6704) 2002

ISSN: 0040-4020

LANGUAGE: English

- end of record -

?

Display 4/3/11 (Item 3 from file: 357)

DIALOG(R)File 357:Derwent Biotech Res.

(c) 2002 Thomson Derwent & ISI. All rts. reserv.

0285170 DBR Accession No.: 2002-07017 PATENT

Gene transfer method, useful in therapy, diagnosis and preparing transgenic animals, uses both components of the Sleeping Beauty transfer system - vector-mediated transposon gene transfer, expression in host cell, liposome, polyethyleneimine, transposase and gene gun for transgenic animal construction and gene therapy

AUTHOR: IVICS Z; IZSVAK Z

PATENT ASSIGNEE: DELBRUECK CENT MOLEKULARE MEDIZIN MAX 2001
PATENT NUMBER: WO 200181565 PATENT DATE: 20011101 WPI ACCESSION NO.:
2002-082794 (200211)
PRIORITY APPLIC. NO.: DE 1020553 APPLIC. DATE: 20000427
NATIONAL APPLIC. NO.: WO 2001DE1595 APPLIC. DATE: 20010427
LANGUAGE: German

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? s s1 and (nuclear (n) localization (n) (sequence or signal)
>>>Unmatched parentheses
? s s1 and (nuclear (n) localization (n) (sequence or signal))
5084 S1
3895016 NUCLEAR
1131561 LOCALIZATION
3674315 SEQUENCE
2311533 SIGNAL
15652 NUCLEAR(N)LOCALIZATION(N)(SEQUENCE OR SIGNAL)
S5 29 S1 AND (NUCLEAR (N) LOCALIZATION (N) (SEQUENCE OR
SIGNAL))
? s s5 and (polylysine or polyarginine)
29 S5
19574 POLYLYSINE
1463 POLYARGININE
S6 2 S5 AND (POLYLYSINE OR POLYARGININE)
? d s6/3/1-2
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DIALOG(R)File 399:CA SEARCH(R)
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130308143 CA: 130(23)308143c JOURNAL
A transfecting peptide derived from adenovirus fiber protein
AUTHOR(S): Zhang, F.; Andreassen, P.; Fender, P.; Geissler, E.;
Hernandez, J-F.; Chroboczek, J.
LOCATION: Institut de Biologie Structurale, 38027, Grenoble, Fr.
JOURNAL: Gene Ther. DATE: 1999 VOLUME: 6 NUMBER: 2 PAGES: 171-181
CODEN: GETHEC ISSN: 0969-7128 LANGUAGE: English PUBLISHER: Stockton
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DIALOG(R)File 98:General Sci Abs/Full-Text
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03051107 H.W. WILSON RECORD NUMBER: BGSI95051107 (USE FORMAT 7 FOR
FULLTEXT)
Viral vectors in gene therapy.
Smith, Alan E
Annual Review of Microbiology (Annu Rev Microbiol) v. 49 ('95) p. 807-38
DOCUMENT TYPE: Feature Article
SPECIAL FEATURES: bibl il ISSN: 0066-4227
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E7	1	AU=CHROBOCZEK KELKER H.
E8	8	AU=CHROBOCZEK, E.
E9	3	AU=CHROBOCZEK, EMIL
E10	1	AU=CHROBOCZEK, J
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E8	16	AU=CHROBOCZEK, J.A.
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